

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1-18. (canceled)

19. (previously presented) A method of transferring data to a target device across a network, the method comprising:

providing a protocol adapted to allow communication with individual disaggregated

elements of the target device wherein the protocol includes:

(a) network packets individually addressing the elements using distinct network addresses that are individually associated with each of the elements, and

(b) commands providing instructions to the elements; and

sending data to at least one of the elements via at least one of the network packets that encapsulates at least one of the commands.

20. (previously presented) The method of claim 19 wherein the at least one element of the target device is adapted to respond to requests for data and adapted to send a only a single block of data per request.

21. (previously presented) The method of claim 19 wherein the elements of the target device comprises a storage area and the device associates a network address with each of the storage area.

22. (previously presented) The method of claim 21 wherein the network packets comprises the network address associated with the storage area of the target device, and the network address is sufficient to route the network packets to the storage area of the target device.

23. (previously presented) The method of claim 19 wherein the network address is an IP address located in a control portion of an encapsulating IP packet.

24. (previously presented) The method of claim 23 wherein at least some of the network packets further comprise at least one of the commands and a token where the token of a packet is used by the element to determine whether to execute the command of the packet.

25. (previously presented) The method of claim 19 further comprising resolving the network addresses to IP addresses.
26. (previously presented) The method of claim 19, wherein a client of the target device performs the step of sending data to the at least one element of the target device.
27. (previously presented) The method of claim 26, wherein the client sends data to a second element of the target device.
28. (previously presented) The method of claim 19, wherein a second element of the target device performs the step of sending data to the at least one element of the target device.
29. (previously presented) The method of claim 19, wherein the at least one network packet further encapsulates a location address that addresses a location within the at least one element.
30. (previously presented) The method of claim 19, wherein the commands include a command selected from the following list of commands: a transfer data command, an authorization command, a requests command, a lock command, an acknowledgement command, an error command, a name resolution command, a find command, a response command, set address command, and a set offset command.